App. F. IX-4

1926-7 (5-26)

File No. 4 8-25

Previous References
San 55-23 (2-4 (Secy.)

Serial Nos. 2-4
11 d 12

Later References
San 62-26 (1-5)

pre sent

p. 18 (E)

General and Revenue Secretariat.

Serial Five

Part B for August 1926

SUBJECT

Re The Reports on the workings of the Chemical examiners office in 1925

To, 1 The Secy to the Govt of Bengal
2 The Director P. H. Bengal.
3 The Librarian Fort St George Madras
4 The Secy to H. E. H. The Nizam
5 The Chief Commissioner Centr. Pro.
6 The Dewan of Cochin
7 The Dewan of Pudukkotta
8 The Dewan of Baroda.
9 The chief officer. Imperial Libra Calcutta.
10 The officer in charge Statistical Sec^n. G.S.I

G 2262-11
20/27/8/26.
Forwards a copy of the Report
Dr Rao
9/11/26.

6995

WD 71264—GPB—40,000—1

App. F. III—2

General and Revenue Secretariat

Sanc File No. 48 of 1925

DEWAN'S OFFICE
RECD. ON 7 MAY 1926
No. 615

Serial No.

2 From the Director of P.H. dtd no. 1104 & 3/10/26 dtd April 1926 forwarding in duplicate the annual report on the working of the Chemical Examiner's Office, Public Health dtd during 1925.

Submits a draft forwarding a copy of the report to the Press for being printed. Another copy may be sent to the Second Member for perusal & orders in re the lines on which the review may be put up. The file relating to the report for 1924 is also sent up.

19/5/26

Sd

Done

E.V.N. Rly

2/5

3 To the Superintendent, Govt Press no 9838 dt 24.5.1926

Sends a copy of the report for printing 150 copies and keeping them for being bound with the Govt review thereon.

4/ Submits a draft review on the lines of the review for last year. for orders

26/5/26

Sd

5/ May be approved

Sd

Rly 5/6/26

Dewan

Sd

7/6

Flag I

Flag J

9347

4.5.

NOTE—Contn. Sheet

WD 01264—GPB —40,000—17-12-25

General and Revenue Secretariat

San File No. 48 of 1925.

Serial No.		
4	To	The Director, P.I. Institute, The Sanitary Commr The Deputy Commrs & Dt. No P 9047-56 dt 11.5.1926 Reviews the report on the chemical, Bacteriological and Zoological work done in the P.I. Institute during the calendar year 1925. Sold with a ~~Rs~~ annr Jm 24.6.26 Issued G 10589 & 25.6.26. Printed copies have been sent. Submit two drafts forwarding them to the Residency & Foreign Posts:
11	To	The Secretary to the Resident No Pol 198 dt 19.8.1926 Rds 5 copies & the report
12	To	The Secy to the Govt & Bengal The Director P.I. Bengal The Librarian R.S.P. George Madras The Secy to Govt, H.E.H. the Nizam's H.H. Dawlah The Secy: Commr Central Provinces The Dewan & Cochin The Dewan & Pudukkottai

NOTE—Contn. Sheet

(3.)

4955

WD 01264 –GPB—40,000—17-12-25

App. F. III—2]

General and Revenue Secretariat

San File No. 48 of 192 8

Serial No.

To The Dewan of Baroda

The Ch: Officer in charge of the Imperial Library Calcutta

The Officer in charge of the Statistical Section N.S.A

No 4 2262-71 dt 24.8.1926

I Ds a copy of the report.

B
30/
31/8/26
9/8/26
31/8/26

NOTE—Contn. Sheet

Jun 4995 a

Office of the Director, Public Health Institut

No. 1104
Enc. 4.

and Chemical Examiner to Government,

Bangalore, dated, 3rd/10th April 1926.

San 48-25-2

From

The Director,
Public Health Institute,
and Chemical Examiner to Civernment,
Bangalore.

To

The Secretary to geverment,
Medical and Agricultural Deaprtments,
Bangalore.

Sir,

I have the honor to forward herewith in duplicate the Annual reports on the working of the Chemical Examiner's office, Public -- Health Institute ********* for the calendar year 1925.

I have the honor to be,

Sir,

Your most obedient servant ,

Sd. A.K.Pani,

Director,Public Health Institute

and Chemical Examiner to Covt

"Copy"

JB
15/4/26

(2

Report of the ~~working of ... of the~~ Chemical, Bacteriological and Toxicological examinations done in the Public Health Institute and Chemical Examiner's office during the year 1925.

--------ooOoo--------

1. Chemical Section.

One hundred and three articles were received for analysis chiefly from Government departments and a few from private persons against ~~62~~ 61 in the preceding year.

No.	Items.	No.	Districts Place.
1.	Water.	67	Districts.
2.	Essence of Cognac.	1	Excise Deptt.
3.	Brandy Essence.	1	DO
4.	Arrack.	1	DO
5.	Blanket.	1	Survey of India.
6.	Pyridine.	1	Excise Deptt.
7.	Horse dung.	1	Palace stables.
8.	Urine.	20	Private & Govt. departments.
9.	Alum.	1	Water Supply Deptt.
10.	Castor Oil.	1	Govt. Department
11.	Disinfectant.	1	DO
12.	Strong Sulphuric Acid. ...	2	DO
13.	Dhill water. ...	1	DO
14.	Alcohol & Sugar. ...	2	DO
15.	Alcohol. ...	1	DO
16.	Ammonia carbonate. ...	1	DO
		103	

(3

1. Of the 67 samnles of water received, 19 were found fit for drinking purpose, and 48 were condemned.

Bangalore.		Mysore.		Kolar.		Tumkur.		Hassan.		Shimoga.		Kadur.		Chital drug.		Toatal.
Fit	Unfit	Fit	Un fit	Fit	Un fit	Fit	Un fit	Fit	Un fit	Fit	Un fit	Fit	Un fit	Fit	Un fit	
5	18	3	5	2	5	"	"	6	12	"	"	2	5	1	3	67

2. Essence of Cognac. One sample was received for presence of poisonous metals.

3. Brandy Essence. One sample was received for presence of poisonous metals.

4. Arrack. One sample was examined and found to be unfit for human consumption.

5. Blanket. One was received for presence of Sulphuric Acid.

6. Pyridine. One sample was received for analysis.

7. Horse dung. One sample was received for analysis.

8. Urine. Twenty samples were examined for albumen & Sugar.

9. Alum. One sample was received for analysis.

10. Castor Oil. One sample was received for analysis.

11. Disinfectant. One sample was received for analysis.

12. Strong sulphuric Acid. Two samples were received.

13. Dhill water. One sample was received.

14. Alcohol and Sugar. Two samples were received.

15. Alcohol. One sample was received.

16. Ammonia carbonate. One sample was received.

ii. Bacteriological Section.

Three thousand four hundred and forty examinations were made against 2239 in 1924.

These were composed of :-

1.	Water.	334	
2.	Blood.	2526	
3.	Discharges.	18	
4.	Nasal discharges.	4	
5.	Sputum.	30 ~~6~~	
6.	Urine.	16	
7.	Faecal matter.	11	
8.	Sections.	7	
9.	Dead rats.	2	
10.	Calf vaccine.	400 @	
		3356	3356

@ Please vide Vaccine Institute Annual report.

From Veterinary Department.

Blood.	75	
Pus smears.	2	
Pieces of liver.	2.	
Viscera.	1	
Milk.	1	
Carcasses.	2	
Faecal matter.	1	84
Total.		3440

Thirty

Three hundred and ~~forty~~ four samples of water were examined quantitatively to find out the total number of bacteria in 1 cc. of water as a test of the efficiency of filters in checking the passage of bacteria through them.

thirty

Three hundred and ~~forty~~ four samples of water were examined for the presence of lactose fermenters which were found in all samples almost invariably in quantities of 5 cc.

The results tend to show on the whole the efficiency of the filters.

Three hundred and ~~forty~~ thirty four samples were examined for presence of Cholera vibrio but the result were negative in all.

(5)

Two thousand six hundred and one samples of blood were received and examined as follows:-

No.	Items.	Positive.	Negative.	Total.	Rmks.
1.	Wassermann test for Syphilis.	785	1256	2041	
2.	Widal's test for Bacillus entericus.	57	48	105	
3.	Para Typhoid "A"	6	104	110	
4.	" " "B"	21	87	108	
5.	Malarial parasites.	4	54	58	
6.	Relapsing fever.	66	38	104	
7.	Anthrax Bacilli.	22	40	62	Veterinary Deptt.
8.	Piroplasmosis.	1	10	11	
9.	Malignant Oedema.	"	2	2	
	Total.	962	1639	2601 ✓	

One hundred and five examinations were made of discharges and evacuations as shown in the annexed statement.

P. 70

(6)

Items	Tubercle Bacilli	Pneumonia	Amoeba	Ankylostoma ova	Cholera	Gonococci	Fit or unfit for human consumption	Bacterium Coli	Tissues	Haemorrhagic Septicaemia	Abortus & Suipar	Plague	Lepra Bacilli	B. Pesti	Total.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	+ -	
Motion	- -	- -	1 3	1 5	- 1	- -	- -	1 -	- -	- -	- -	- -	- -	- -	11
Urine	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	6 10	- -	- -	- -	16
Discharges	- -	- -	- -	- -	- -	8 10	- -	- -	- -	- -	- -	- -	- -	- -	18
Sputum	12 25	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	1 -	38
Nasal Discharge	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	4 -	- -	4
Sections.	- -	- -	- -	- -	1 -	1 -	- 1	1 -	3 4	- -	- -	- -	- -	- -	7
Dead Rats.	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	2 -	- -	- -	2
Veterinary Deptt															
Pus smears	- 1	- -	- -	- -	- -	- -	- -	- -	- -	1 -	- -	- -	- -	- -	2
Pieces of liver	- -	- -	- -	- -	- -	- -	- -	- -	2 -	- -	- -	- -	- -	- -	2
Carcasses of Rabits	- 2	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	2
Faecal Matter	- -	- -	- -	- -	- -	- -	- -	1 -	- -	- -	- -	- -	- -	- -	1
Viscera of a Female Llama	1 -	- -	- -	- -	- -	- -	1 -	- -	- -	- -	- -	- -	- -	- -	1
matter	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	1
milk	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
	13 28	- -	1 3	1 5	- 1	8 10	1 -	- -	1 3	6 -	1 6	10 -	2 -	4 -	1 105

Appendix.

Tabular statement of examinations done during 1925.

No.	Items.	Total	Remarks.
1.	**Waters.**		
(a)	Quantitative.	334	
(b)	Qualitative.	"	
(c)	For Cholera Vibrio.	334	
(d)	For Lactose fermenters.	334.	
2.	**B l o o d.**		
	Widal's test.		
(a)	1. B. Entericus.	105	
	2. Paratyphoid. "A"	110	
	3. " " "B"	108	
(b)	Wassermann test for syphilis.	2041	
(c)	Malarial parasites.	58	
(d)	Relapsing fever.	104	
(e)	Detection of Anthrax.	62	from the veterinary department.
(f)	Piroplosmosis.	11	
(g)	Malignant Oedema.	2	
3.	**Discharges and evacuations.**		
(a)	Sputum.	38 (2)	
(b)	Faeces.	11 ✓	
(c)	Urine.	16 ✓	
(d)	Urethral & Vaginal Discharges.	18 ✓	
4.	Dead animals.	2 ✓	
5.	Sections.	7 ✓	
6.	Nasal discharges.	4 ✓	
7.	Pus smears.	2	
8.	Sections.	2	
9.	Carcasses of rabits.	2	
10.	Faecal matters.	1	
11.	Viscera.	1	
12.	Milk.	1	
13.	Calf Vaccine.	400	

iii Toxicological Section.

One hundres and thirty eight cases with four hundred and one articles were received for examination as compared with one hundred and eighty two cases with four hundred and eighty four articles.

Appendix

P. T. O.

Districts	Suicides Human Poisoning		Snake Poisoning		Abortion		Hanging		Cattle Poisoning		Blood		Seminal Stains		Ragi		Jaggery		Potassium cyanide		Vomittes		Matter		Semen		Gun		Counterfeit Coin		Sulphuric Acid		Bungo Viviera		Total.	
	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles	No. of Cases	No. of articles
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Bangalore	6	20	3	9	3	9	2	6	3	6	14	43	1	2	3	20	—	—	1	1	2	4	1	2	1	1	1	2	1	4	1	1	43	133
Mysore	4	9	—	—	2	2	—	—	2	2	17	38	—	—	—	—	—	—	—	—	4	18	—	—	—	—	—	—	—	—	—	—	29	69
Kolar	8	29	—	—	—	—	—	—	—	—	8	17	3	5	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	52
Hassan	4	21	—	—	1	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	28
Chitaldroog	2	6	—	—	—	—	—	—	—	—	3	12	—	—	—	—	1	1	—	—	2	9	—	—	—	—	—	—	—	—	—	—	8	28
Kadur	4	17	1	4	1	2	—	—	—	—	3	8	1	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	35
Shimoga	4	8	—	—	—	—	—	—	—	—	1	4	3	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	19
Tumkur	1	6	—	4	1	4	—	—	—	—	6	20	1	1	4	5	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	14	37
	33	116	4	13	8	24	2	6	5	8	52	142	9	18	8	26	2	2	1	1	9	32	1	2	1	1	1	2	1	4	1	1	138	401

100

1. Suspected Human poisoning.	In 18 cases one or the other of the following was found:- Thatura, Oleander, Arsenic, Opium, Glass pieces, Alcohol.
2. Abortion.	In 3 cases Oleander was detected.
3. Cattle poisoning.	In two cases Arsenic was detected.
4. Blood.	In 38 cases Mammalian blood was detected.
5. Seminal stains.	In 4 cases spermatozoa detected.
6. Clothes.	In one case sulphuric was detected.
7. Counterfiet coins.	2 coins were received, to find out whether they were genuine or otherwise.
8. Powder.	In one case it was found to be pottassium cyanide.

D.P.H. Etc.,
Director
Public Health Institute &
Chemical Examiner to Government.

Bangalore dated.
31st March 1926.

(4

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Section Fam -

File No. 4825

Serial No. 3

No. G 8738/Genl/mm.

Diary No. of letter replied to 4893

General and Revenue Secretariat

( )

the *192*

To

The Superintendent,
Govt Printing, Bangalore

Date of issue 24/4/26

Signed by MM.H.V.J

Sir,

I am forwarding herewith a Copy of the report of the Chemical, Bacteriological & Toxicological work done in the P. H. Lab. during 1925, I am directed to request you to be so good as to cause 150 Copies of the same to be printed & kept ready for being bound into the Govt review thereon

List of enclosures.....

Copied by.....

Examined by .....

over

WD 0562 -GPB—31,000—17-8-25

which will be sent to you

in due course.
Proofs may be sent to the Secy of the Court for
Correction before they are finally struck off.
I have &c

memo. G 8739 § 24.4.20

Acknowledge above.
to Secretary Committee
to the Secy of the Court.
with reference to his letter No
11014 § 7/10.4.21

6 copies C/12

G.R.S. VI G 34]

Ab/

SUBJECT.....

.....

.....

Diary No. of letter replied to 4995

Section Secn

File No. 4-8-25

Serial No. 4

General and Revenue Secretariat

( )

, the 192

Proceedings of the Government of His Highness the Maharaja of Mysore

Date of issue.... 11/5/26

Signed by.... Mr. M.V.J.

Read-

The Report on the Chemical, Bacteriological and Toxicological work done in the Public Health Institute in Mysore, Bangalore during the Calendar year 1925 received from the Director Public Health Institute, with ~~Order Thereon No.~~ his letter no 1104 & 320/4 April 1926.

order no 1047-56.

Recorded.

2. Chemical

P V D.

May this be

i Printed ?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

6 copies (12

G.R.S. VI G 34]

Ab

SUBJECT.....

.....

.....

Diary No. of letter replied to 4995

Section Secn

File No. 4-8-25

Serial No. 4

General and Revenue Secretariat

( )

, the 192

Proceedings of the Government of His Highness the Maharaja of Mysore

Date of issue.... 11/5/26

Signed by Mr. M.V.I

Read—

The Report on the Chemical, Bacteriological and Toxicological work done in the Public Health Institute in Mysore, Bangalore during the Calendar year 1925 received from the Director Public Health Institute, ~~Order Thereon No.~~ his letter no 1104 & 3rd April 1926.

order no 1047-56

Recorded.

2. Chemcase

PVT

May this be

i Printed ?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

2. Chemical Section.— One hundred and three article were received for analysis during the year in the section against 64 in 1924. As usual, the bulk of the work in this section related to ~~Water~~ analysis of samples of water received from Districts. Of the samples of water received 19 were found fit for drinking purposes and 48 were condemned ~~against 43, 16 & 22 respectively during the previous year~~

3 Bacteriological Section.— Five thousand four hundred and forty examinations were conducted against 2239 in 24. Three hundred and thirty four samples of water were examined for the presence of cholera but the results were negative in all the cases. Under this head one in the section, examinations relating to the

List of enclosures.

Copied by

Examined by

WD 1883—GPB—1,000,00—21-12-21

G. R. S. G/33]

GENERAL AND REVENUE SECRETARIAT.

(Continuation sheet draft form.)

the Veterinary department are also included.

4 Toxicological Examination.— One hundred and thirty eight cases with 401 ~~food~~ articles were received for examination during the year in this section as against 182 cases with 484 articles in 1924. The bulk of the work in this section related, as usual, to the examination of ~~Poisons~~ Suspected ~~human~~ poisons and of blood stains, which accounted for ~~33~~ & ~~52~~ cases with 116 and 142 articles respectively.

Medical & Health Secretary to Govt

To

The Director of Public Health &c.
" Sanitary Commissioner
" Dy Comrs of Districts
(Mysore Gazette)

WL 2230—GPB—1,00,000—23-7-20

27/4/26

C14

APP. E. VI. Gl.]

SUBJECT.....

.....

.....

2 pm 14/8

2/8/25 Section Sam

File No. 48-25

Serial No. 11

No. Pol. 198 of 25

Diary No. of letter replied to 4995

To

The Secretary to Govt
Mysore & the Resident
in Mysore

General and Revenue Secretariat
( )
the 192

Sir,

Date of issue 19/8/25

I am directed to forward herewith for Govt
the Report of the Chemical,
Bacteriological & Toxicological
work done in the Public Health
Institute, Bangalore during the year 1924 with
the Govt review thereon.

Signed by Wm Wilson

I have etc

for Secretary

List of enclosures.....

Copied by.....

Examined by.....

2/8/25

over

APP. F. VI. Gl.]

(15

SUBJECT.....

.....

.....

Section Jan

File No. 48-21

Serial No. 12

No. G/2262-71/Ex/1 each

Diary No. of letter replied to..... 498

To

(1) The Secy to the Govt of Bengal Calcutta,

(2) " Director of P.I. Bengal Calcutta,

(3) " Librarian, H. St. George, Madras,

(4) " Secy to Govt, H.E.H the Nizam of Hyderabad, Hyderabad

(5) " Chief Comr, Central Provinces, Nagpur.

(6) " Dewan of Cochin, Ernakulam

(7) " " Bhavnekodai Bhavnekodai

(8) " " Baroda, Baroda

(9) " Chief Offr in charge of the Imperial Library Calcutta

(10) " Officer in charge of the State Treat Section, Army Medical Library, 7th & B Streets S.W. Washington, D.C. USA

Sir,

I am directed to forward

over

hereto.

General and Revenue Secretariat

( )

the *192*

Date of issue 27/8/26

Signed by Mr. M.V.J

List of enclosures.....

Copied by.....

Examined by.....

WD 01265—GPB—31,000—24-12-25

A Copy of the reports of the Chemical Bacteriological & Toxicological work done in the Public Health Lab., Bangalore during the Calendar year 1925 with the Government thereon.

I have the

honour to be

Sir

Your Most Obedient Servant

Copy for file

REPORT OF THE CHEMICAL, BACTERIOLOGICAL AND TOXICOLOGICAL EXAMINATIONS DONE IN THE PUBLIC HEALTH INSTITUTE AND CHEMICAL EXAMINER'S OFFICE DURING THE YEAR 1925.

WITH THE GOVERNMENT REVIEW THEREON.

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G. O. No. G. 9047-56—Sany. 48-25-4, dated 11th May 1926.

Report on the Chemical, Bacteriological and Toxicological Work

Reviews the —— done in the Public Health Institute during the calendar year 1925.

READ—

The Report on the Chemical, Bacteriological and Toxicological Work done in the Public Health Institute in Mysore, Bangalore, during the calendar year 1925, received from the Director, Public Health Institute, with his letter No. 1104. dated 3rd—10th April 1926.

ORDER No. G. 9047-56—SANY. 48-25-4, DATED 11TH MAY 1926.

Recorded.

2. *Chemical Section.*—One hundred and three articles were received for analysis during the year in the section against 64 in 1924. As usual, the bulk of the work in this section related to analysis of samples of water received from Districts. Of the 67 samples received, 19 were found fit for drinking purposes and 48 were condemned.

3. *Bacteriological Section.*—Three thousand four hundred and forty examinations were conducted against 2,239 in 1924. Three hundred and thirty-four samples of water were examined as to the presence of cholera vibrio, and the results were negative in all the cases. Under the work done in the section, examinations relating to the Veterinary Department are also included.

4. *Toxicological Examination.*—One hundred and thirty-eight cases with 401 articles were received for examination during the year in this section as against 182 cases with 484 articles in 1924. The bulk of the work in this section related, as usual, to the examination of suspected poisons and of blood stains, which accounted for 33 and 52 cases with 116 and 142 articles, respectively.

R. RANGA RAO,
Secretary to Government,
Medical and Agricultural Depts.

To—The Director of Public Health Institute.
The Sanitary Commissioner in Mysore.
The Deputy Commissioners of Districts.

Exd.—P. S. R. N.

W D 2324—GPB—390-18-5-26.

REPORT OF THE CHEMICAL, BACTERIOLOGICAL AND TOXICOLOGICAL EXAMINATIONS DONE IN THE PUBLIC HEALTH INSTITUTE AND CHEMICAL EXAMINER'S OFFICE DURING THE YEAR 1925.

I. Chemical Section.

One hundred and three articles were received for analysis chiefly from Government departments and a few from private persons against 62 in the preceding year.

No.	Items	No.	Districts Place
1	Water	67	Districts.
2	Essence of Cognac	1	Excise Department.
3	Brandy Essence	1	do
4	Arrack	1	do
5	Blanket	1	Survey of India.
6	Pyridine	1	Excise Department.
7	Horse dung	1	Palace stables.
8	Urine	20	Private and Government departments.
9	Alum	1	Water Supply Department.
10	Castor Oil	1	Government Department.
11	Disinfectant	1	do
12	Strong Sulphuric Acid	2	do
13	Dhill water	1	do
14	Alcohol and Sugar	2	do
15	Alcohol	1	do
16	Ammonia carbonate	1	do
	Total ...	103	

1. Of the 67 samples of water received, 25 were found fit for drinking purposes, and 42 were condemned.

Bangalore		Mysore		Kolar		Tumkur		Hassan		Shimoga		Kadur		Chitaldrug		Total
Fit	Unfit	Fit	Unfit	Fit	Unfit	Fit	Unfit	Fit	Unfit	Fit	Unfit	Fit	Unfit	Fit	Unfit	
5	18	3	5	2	5	...	...	6	12	...	...	2	5	1	3	67

2. Essence of Cognac ... One sample was received for presence of poisonous metals.
3. Brandy Essence ... One sample was received for presence of poisonous metals.
4. Arrack ... ... One sample was examined and found to be unfit for human consumption.
5. Blanket ... ... One was received for presence of Sulphuric Acid.
6. Pyridine ... ... One sample was received for analysis.
7. Horse dung ... ... One sample was received for analysis.
8. Urine ... ... Twenty samples were examined for albumen and Sugar.
9. Alum ... .. One sample was received for analysis.
10. Castor Oil ... ... One sample was received for analysis.
11. Disinfectant ... .. One sample was received for analysis.
12. Strong Sulphuric Acid ... Two samples were received.
13. Dhill water ... .. One sample was received.
14. Alcohol and Sugar ... Two samples were received.
15. Alcohol ... One sample was received.
16. Ammonia carbonate ... One sample was received.

II. Bacteriological Section.

Three thousand four hundred and forty examinations were made against 2,239 in 1924.

These were composed of:—

1.	Water	334	
2.	Blood	2,526	
3.	Discharges	18	
4.	Nasal discharges	4	
5.	Sputum	37	
6.	Urine	16	
7.	Fæcal matter	12	
8.	Sections	7	
9.	Dead rats	2	
10.	Calf vaccine	400*	
	Total	3,356	3,356

Please *vide* Vaccine Institute Annual report.

Veterinary Department.

Blood	75		
Pus smears	2		
Pieces of liver	2		
Viscera	1		
Milk	1		
Carcasses	2		
Fæcal matter	1		
Total	84	3,440	

Three hundred and thirty-four samples of water were examined quantitatively to find out the total number of bacteria in 1 cc. of water as a test of the efficiency of filters in checking the passage of bacteria through them.

Three hundred and thirty-four samples of water were examined for the presence of lactose fermenters which were found in all samples almost invariably in quantities of 5 cc.

The results tend to show on the whole the efficiency of the filters.

Three hundred and thirty-four samples were examined for presence of Cholera vibrio, but the results were negative in all.

Two thousand six hundred and one samples of blood were received and examined as follows:—

No.	Items	Positive	Negative	Total	Remarks
1	Wassermann test for Syphilis	785	1,256	2,041	
2	Widal's test for Bacillus entericus.	57	48	105	
3	Para Typhoid "A"	6	104	110	
4	Para Typhoid "B"	21	87	108	
5	Malarial parasites	4	54	58	
6	Relapsing fever	66	38	104	
7	Anthrax Bacilli	22	40	62	Veterinary Dept.
8	Piroplosmosis	1	10	11	Veterinary Dept.
9	Malignant Oedema	...	2	2	Veterinary Dept.
	Total	962	1,639	2,601	

One hundred and five examinations were made of discharges and Evacurations as shown in the annexed statement.

APPENDIX.

Items	Tubercle Bacilli		Pneumonia		Amaeba		Ankylostoma ova		Cholera		Gonococci		Fit or unfit for human consumption		Ballentedium coli		Tissues		Hæmorrhagic Septicæmia		Albumen and Sugar		Plague		Lepra Bacilli		B. Pestis		Total
	2		3		4		5		6		7		8		9		10		11		12		13		14		15		16
	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	+	−	...
Motion	...	...	...	...	1	3	1	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Urine	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	6	10	...	..	...	...	...	...	16
Discharges	...	...	...	...	...	...	...	...	...	..	8	10	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	18
Sputum	12	25	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	..	...	...	...	...	...	..	...	1	38
Nasal discharges ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	4	...	...	4
Sections	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Dead rats	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	4	...	...	...	...	...	...	..	...	...	..	2
VETERINARY DEPT.																	...	...	...	...	..	...	...	2	...	...	...	...	
Pus smears	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	..	...	2
Pieces of liver ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Carcasses of Rabits ...	...	2	..	...	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	2
Fæcal matter ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Viscera of a Female lama	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1
Milk	...	...	...	...	...	...	..	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1
Total ..	13	28	...	...	1	3	1	5	...	1	8	10	1	...	...	1	3	6	...	1	6	10	...	2	...	4	...	1	105

APPENDIX.

Tabular statement of examinations done during 1925.

No.	Items	Total	Remarks
1	Waters—		
	(a) Quantitative	334	
	(b) Qualitative	,,	
	(c For Cholera Vibrio	334	
	(d) For Lactose fermenters	334	
2	Blood—		
	Widal's test—		
	(a) 1. B. Entericus	105	
	2. Paratyphoid "A"	110	
	3. Paratyphoid "B"	108	
	(b) Wassermann test for syphilis	2,041	
	(c) Malarial parasites	58	
	(d) Relapsing fever	104	
	(e) Detection of Anthrax	62	From the Veterinary Department.
	(f) Piroplosmosis	11	
	(g) Malignant Oedema	2	
3	Discharges and evacuations—		
	(a) Sputum	4	
	(b) Fæces	12	
	(c) Urine	16	
	(e) Urethral and Vaginal Discharges	18	
4	Dead animals	2	
5	Sections	7	
6	Nasal discharges	4	
7	Pus smears	2	
8	Sections	2	
9	Carcasses of rabits	2	
10	Fæcal matters	1	
11	Viscera	1	
12	Milk	1	
13	Calf Vaccine	400	

III. Toxicological Section.

One hundred and thirty-eight cases with four hundred and one articles were received for examination as compared with one hundred and eighty two cases with four hundred and eighty-four articles.

APPENDIX.

District	Suspected human poisoning		Drowning		Abortion		Hanging		Cattle poisoning		Blood		Seminal stains		Ragi		Jaggery		Potassium cyanide		Vomitted matter		Opium		Gun		Counterfeit coins		Sulphuric acid		Dog's Viscera		Total	
	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles	Number of cases	Number of articles
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Bangalore ...	6	20	3	9	3	9	2	6	3	6	14	43	1	2	3	20	...	...	1	1	2	4	1	2	1	1	1	2	1	7	1	1	43	133
Mysore ...	4	9	...	...	2	2	...	...	2	2	17	38	...	...	...	...	...	...	...	...	4	18	...	...	...	...	...	...	...	...	...	...	29	69
Kolar ...	8	29	...	...	...	...	...	...	...	...	8	17	3	5	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	52
Hassan ...	4	21	...	...	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	28
Chitaldrug ...	2	6	...	...	...	...	...	...	...	...	3	12	...	...	...	...	1	1	...	...	2	9	...	...	...	...	...	...	...	...	...	...	8	28
Kadur ...	4	17	1	4	1	2	...	...	...	...	3	8	1	3	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	35
Shimoga ...	4	8	...	...	...	...	...	...	...	...	1	4	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	19
Tumkur ...	1	6	...	...	1	4	...	...	...	...	6	20	3	1	4	5	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	14	37
Total ...	33	116	4	13	8	24	2	6	5	8	52	142	9	18	8	26	2	2	1	1	9	32	1	2	1	1	1	2	1	7	1	1	138	401